

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,858,268 B2
APPLICATION NO. : 10/633490
DATED : February 22, 2005
INVENTOR(S) : Juliane Suermann

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 82, line 32, reads " μm^{31} " should read -- μm^1 --

Column 82, line 35, reads " μm^{31} " should read -- μm^1 --

Columns 83, lines 28-67, through Column 84, lines 1-44, reads " formula XI:

X^{11} and X^{22} are each, independently of one another, -CF₂O-, -OCF₂-, -CF₂S-, -SCF₂-, -CF₂CH₂-, -CH₂CF₂-, -CF₂CF₂-, -CF=CH-, -CH=CF-, -CF=CF- or a single bond,

Z^{11} is in each case, independently of one another, -O-, -S-, -CO-, -COO-, -OCO-, -O-COO-, -CO-N(R⁰⁰)-, -N(R⁰⁰)-CO-, -OCH₂-, -CH₂O-, -SCH₂-, -CH₂S-, -CF₂O-, -OCF₂-, -CF₂S-, -SCF₂-, -CH₂CH₂-, -CF₂CH₂-, -CH₂CF₂-, -CF₂CF₂-, -CH=CH-, -CF=CH-, -CH=CF-, -CF=CF-, -C≡C-, -CH=CH-COO-, -OCO-CH=CH- or a single bond,

R⁰⁰ is H or alkyl having from 1 to 4 carbon atoms,

A¹¹ and A²² are each, independently of one another:

1,4-phenylene, in which, in addition, one or more CH groups are optionally replaced by N; 1,4-cyclohexylene, in which one or two non-adjacent CH₂ groups are optionally replaced by O and/or S; 1,3-dioxolane-4,5-diyl; cyclohexenylene; bicyclo[2.2.2]-octylene; piperidine-1,4-diyl; naphthalene-2,6-diyl; decahydronaphthalene-2,6-diyl; or 1,2,3,4-tetrahydronaphthalene-2,6-diyl, where all of these groups are unsubstituted or monosubstituted or polysubstituted by halogen, CN or NO₂ or alkyl, alkoxy, alkylcarbonyl or alkoxy carbonyl having from 1 to 7 carbon atoms, in which one or more H atoms are optionally replaced by F or Cl, and

m is 1, 2, 3, 4 or 5,

provided that at least one of the radicals X¹¹, X²² and Z¹¹ is -CF₂O-, -OCF₂-, -CF₂S-, -SCF₂-, -CF₂CH₂-, -CF₂CF₂-, -CF=CH- or -CF=CF- and at least one of the radicals R¹¹ and R²² is a chiral group,

compounds of the formula XVI

R¹¹-X³³-(A¹¹-Z¹¹)_m-G-(Z²²-A²²)_n-X⁴⁴-R²² should read -- formula XI. --

Column 85, line 19, in formula XII, reads "W¹²" should read -- W²² --

Column 85, line 62, reads "W¹²" should read -- W²² --

Column 86, line 17, reads "W¹²" should read -- W²² --

Column 87, line 29, reads "(Z²-A²)_mR," should read -- (Z²-A²)_m-R, --

Column 88, line 29, reads "F, Cl, Br, or" should read -- F, Cl, Br, I or --

Column 92, line 55, in formula XII, reads "W¹²" should read -- W²² --

Column 93, line 27, reads "W¹²" should read -- W²² --

Column 93, line 45, reads "W¹²" should read -- W²² --

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 96, line 22, reads "group," should read -- group,
 X^{11} and X^{22} are each, independently of one another, -CF₂O-, -OCF₂-, -CF₂S-,
-SCF₂-, -CF₂CH₂-, -CH₂CF₂-, -CF₂CF₂-, -CF=CH-, -CH=CF-, -CF=CF- or a single bond,

Z^{11} is in each case, independently of one another, -O-, -S-, -CO-, -COO-,
-OCO-, -O-COO-, -CO-N(R⁰⁰)-, -N(R⁰⁰)-CO-, -OCH₂-, -CH₂O-, -SCH₂-, -CH₂S-,
-CF₂O-, -OCF₂-, -CF₂S-, -SCF₂-, -CH₂CH₂-, -CF₂CH₂-, -CH₂CF₂-, -CF₂CF₂-,
-CH=CH-, -CF=CH-, -CH=CF-, -CF=CF-, -C≡C-, -CH=CH-COO-, -OCO-CH=CH- or a single bond,

R^{00} is H or alkyl having from 1 to 4 carbon atoms,

A^{11} and A^{22} are each, independently of one another:

1,4-phenylene, in which, in addition, one or more CH groups are optionally replaced by N; 1,4-cyclohexylene, in which one or two non-adjacent CH₂ groups are optionally replaced by O and/or S; 1,3-dioxolane-4,5-diyl; cyclohexenylene; bicyclo[2.2.2]-octylene; piperidine-1,4-diyl; naphthalene-2,6-diyl; decahydronaphthalene-2,6-diyl; or 1,2,3,4-tetrahydronaphthalene-2,6-diyl, where all of these groups are unsubstituted or monosubstituted or polysubstituted by halogen, CN or NO₂ or alkyl, alkoxy, alkylcarbonyl or alkoxy carbonyl having from 1 to 7 carbon atoms, in which one or more H atoms are optionally replaced by F or Cl, and

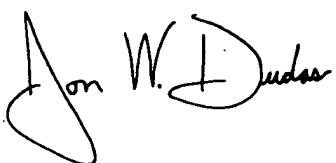
m is 1, 2, 3, 4 or 5,

provided that at least one of the radicals X^{11} , X^{22} and Z^{11} is -CF₂O-, -OCF₂-, -CF₂S-, -SCF₂-, -CF₂CH₂-, -CF₂CF₂-, -CF=CH- or -CF=CF- and at least one of the radicals R^{11} and R^{22} is a chiral group,

- compounds of the formula XVI
 $R^{11}-X^{33}-(A^{11}-Z^{11})_m-G-(Z^{22}-A^{22})_n-X^{44}-R^{22}--$

Signed and Sealed this

Sixth Day of January, 2009



JON W. DUDAS
Director of the United States Patent and Trademark Office